GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

STARRED QUESTION NO:42
ANSWERED ON:27.04.2016
Semi-High Speed Trains
Gopalakrishnan Shri R.;Singh Shri Sushil Kumar

Will the Minister of RAILWAYS be pleased to state:

(a) the average speed of Express and Premium trains like Shatabdi in India and those in China, France and other developed/ developing countries;

(b) whether the Railways proposes to step up speed of trains in general and if so, the details thereof;

(c) whether a new semi-high speed train, Gatimaan Express, has recently been introduced between New Delhi and Agra and if so, the details thereof;

(d) whether there is any proposal to introduce such fast trains in other important and tourist potential routes also; if so, the details of the routes identified; and

(e) the steps taken by the Government in this regard?

Answer

MINISTER OF RAILWAYS

(SHRI SURESH PRABHAKAR PRABHU)

(a) to (e): A Statement is laid on the Table of the House.

****

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 42 BY SHRI SUSHIL KUMAR SINGH AND SHRI R. GOPALAKRISHNAN TO BE ANSWERED IN LOK SABHA ON 27.04.2016 REGARDING SEMI-HIGH SPEED TRAINS

(a): Speed of trains is a function of variable such as maximum sectional speeds, maximum permissible speed of the Rolling Stock, stoppages, speed restrictions, gradients, congestion, line capacity, signaling and interlocking standard, loco power etc. The average speed of Express trains including halts running over Indian Railways is 50.8 Kilometre per Hour (KMPH) on Broad Gauge and 28.7 KMPH on Metre Gauge during the year 2014-15. The average speed of Shatabdi Express trains including halts running over Indian Railways is about 69 KMPH. In developed countries passenger train speeds vary from 140 KMPH to 350 KMPH.

(b): Speeding up of trains is a constant endeavour and continuous process on Indian Railways and is dependent on constant optimization of the investments made by Railways in modernization of technology, high powered locos, modern coaches (LHB, air brake, CBC) and better tracks.

(c): A new train viz. 12049/12050 Hazrat Nizamuddin-Agra Cantt. Gatiman Express (6 days a week) which will run at a maximum speed of 160 KMPH has been introduced from 05.04.2016. The maximum permissible speed of 160 KMPH of the train is a sectional speed between Palwal-Agra Cantt. section.
â€¦2/-
-2-
(d) & (e): Indian Railways had identified eight other corridors for raising the speed of passenger trains to 160/200 KMPH. The details of these corridors are (i) Delhi-Chandigarh (ii) Delhi-Kanpur (iii) Nagpur-Bilaspur (iv) Chennai-Bengaluru-Mysore (v) Mumbai- Goa (vi) Mumbai-Ahmedabad (vii) Chennai-Hyderabad & (viii) Nagpur-Secunderabad.

The steps taken by the Government in this regard are as under:-

â€¢ Chennai-Bengaluru-Mysore: The feasibility study of this corridor for raising the speed of passenger trains to 160 KMPH is being done by ERYUAN Group of Chinese Railways at their cost.

â€¢ Delhi-Chandigarh: The feasibility and implementation study of this Corridor for raising the speed of passengers train to 200 KMPH on 50:50 percent cost sharing basis awarded to SNCF/France.

â€¢ Other Corridors: The quantum of various technical inputs required for upgradation of speed of passenger trains to 160 KMPH on these corridors have been identified by the concerned Zonal Railways and Konkan Railway.

Moreover, in Railway Budget 2016-17, a new category of train service viz. Tejas has been announced which is planned to be operated at a maximum speed of 130 KMPH and above.

****